RIP □□□□

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[illegible]

[illegible] RIP [illegible]

[illegible] RIP [illegible]

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[illegible]

[illegible]

- [illegible] RIP [illegible]
- [illegible] RIP [illegible]

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[illegible]

1. **[illegible]**
2. RIP [illegible]
3. RIP [illegible]
4. RIP [illegible]

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RIP□□□□□□

RIP□Routing Information Protocol □□□□□□□

□□□□□□□□□□IGP□□□

RIP□□□□□□□□□RIPv1□RIPv2□

□□UDP□□□□□□□□□□520□

RIP□□□□□□□□□□□□□□

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RIPv1 vs. RIPv2

- RIPv1 [illegible] VLSM [illegible] CIDR
- [illegible]
- [illegible]

- RIPv2 [illegible] VLSM [illegible] CIDR
- [illegible] 224.0.0.9 [illegible]
- [illegible] MD5 [illegible]

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[illegible]

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2. **RIP [illegible]**
3. RIP [illegible]
4. RIP [illegible]

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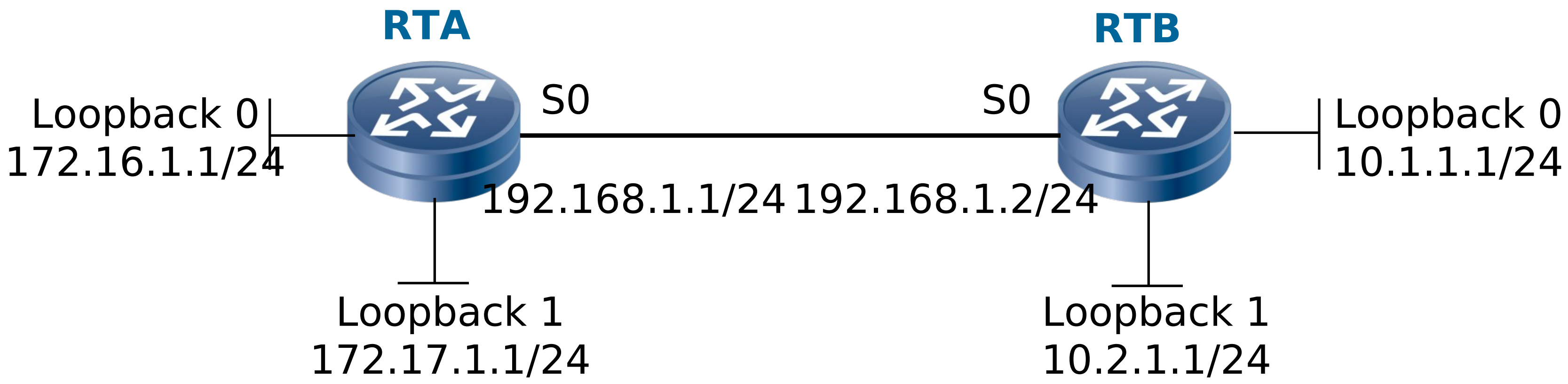
[illegible]



[illegible] **display ip routing-table**
[illegible] RIP [illegible]

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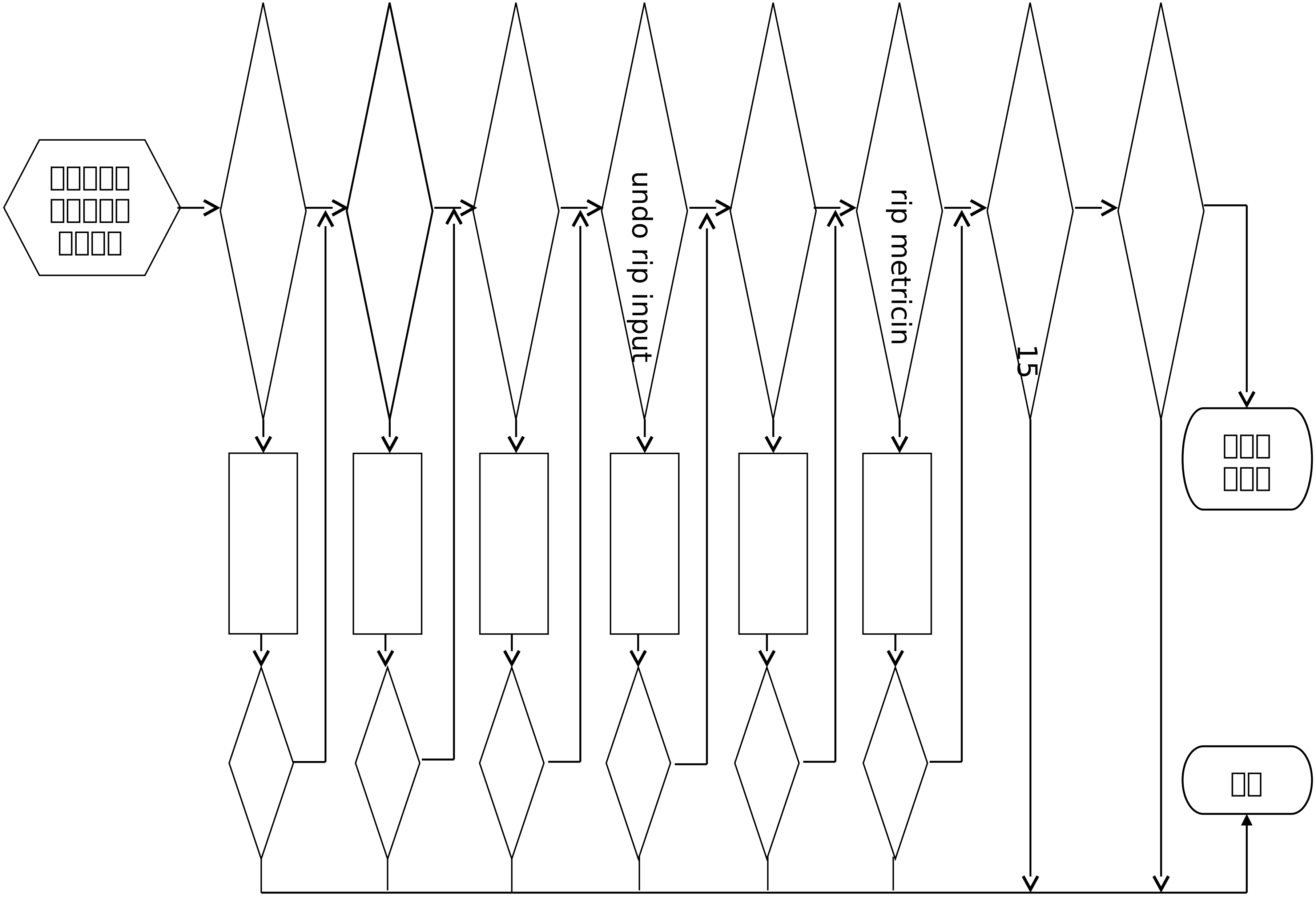

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[illegible]

1. [illegible]
2. RIP [illegible]
3. **RIP [illegible]**
4. RIP [illegible]

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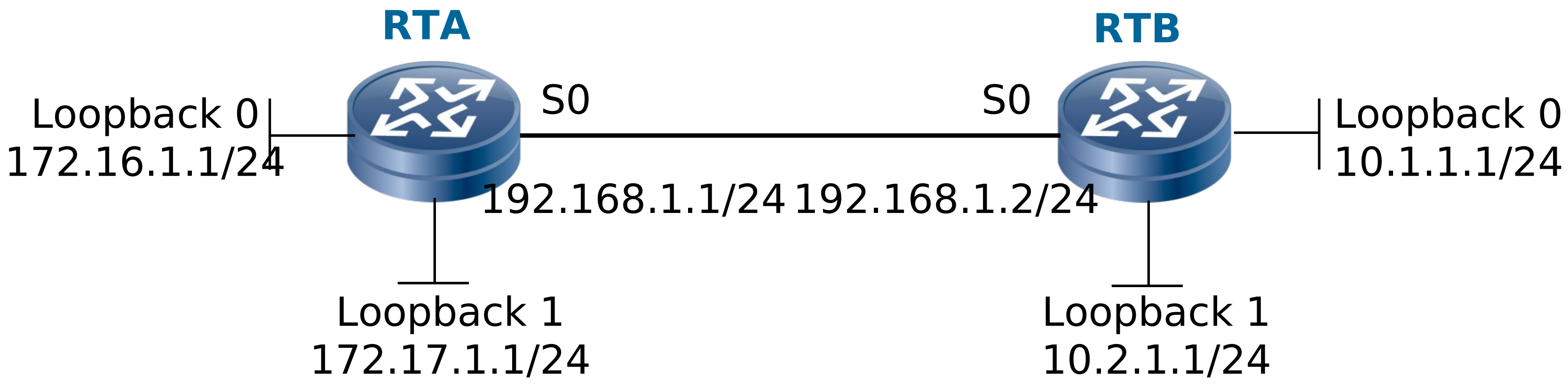

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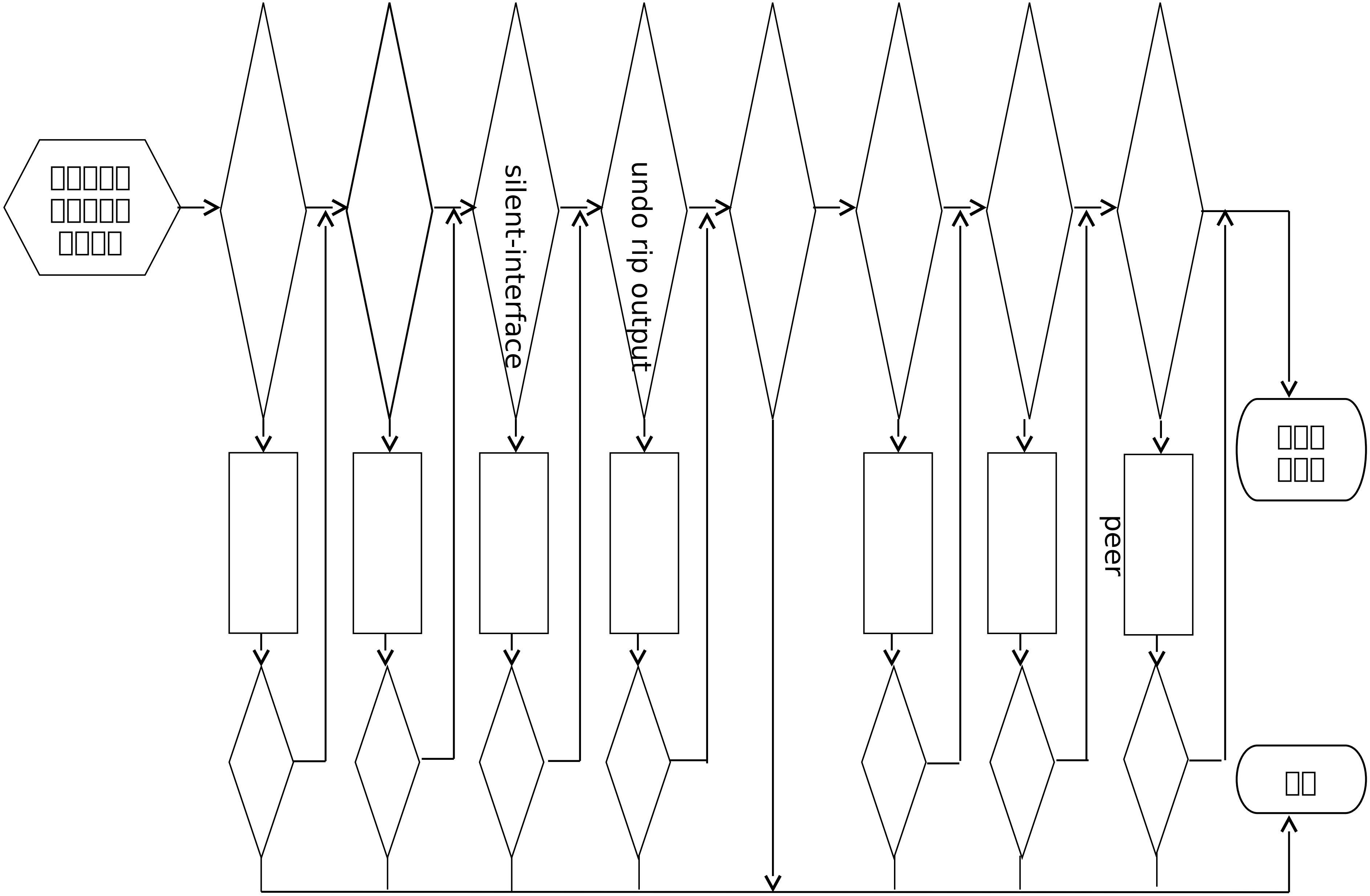

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[illegible]

1. [illegible]
2. RIP [illegible]
3. RIP [illegible]
4. **RIP [illegible]**

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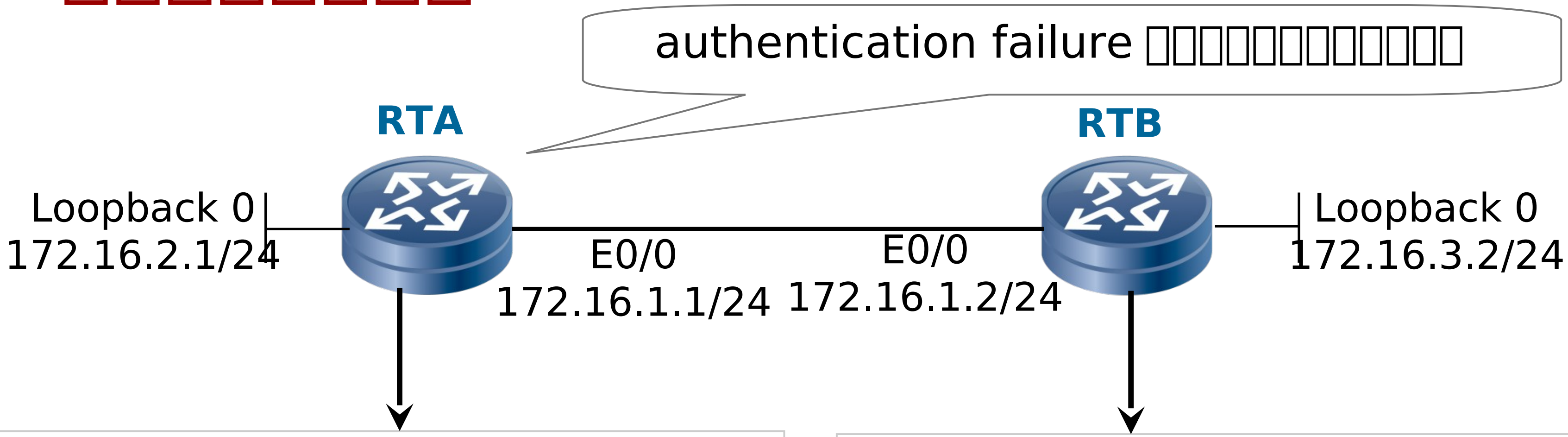
[illegible]




```
interface Ethernet0/0
 ip address 172.16.1.1 255.255.255.0
 rip authentication-mode simple huawei
 rip version 2 multicast
#
interface LoopBack0
 ip address 172.16.2.1 255.255.255.0
 rip version 2 multicast
#
rip
 network 172.16.0.0
```

```
interface Ethernet0/0
 ip address 172.16.1.2 255.255.255.0
 rip authentication-mode simple huawei1
 rip version 2 multicast
#
interface LoopBack0
 ip address 172.16.3.2 255.255.255.0
 rip version 2 multicast
#
rip
 network 172.16.0.0
```

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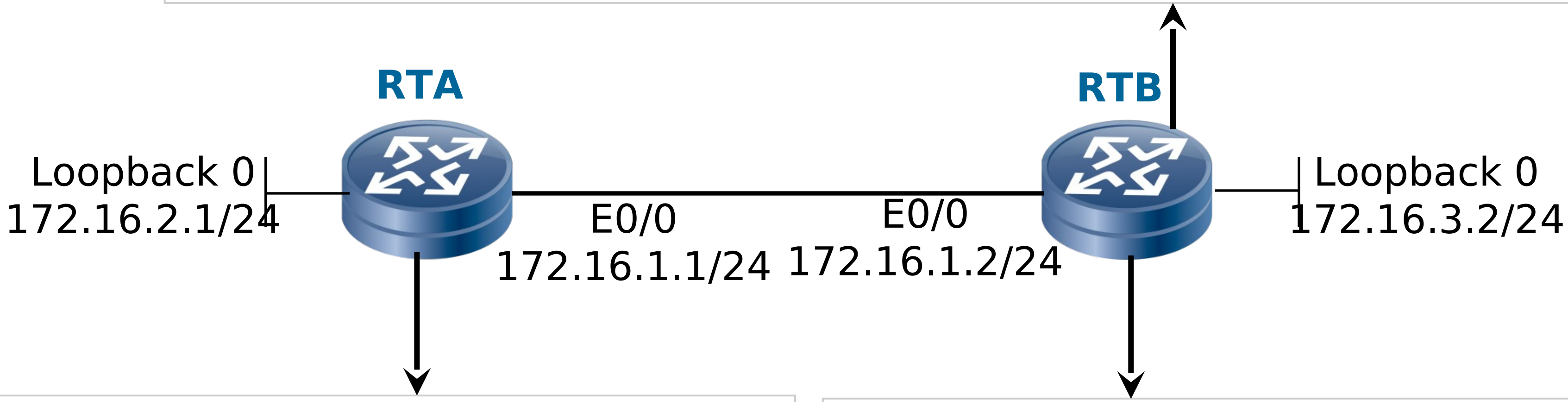
```
[RTB]display ip routing-table
 Routing Table: public net
Destination/Mask    Protocol Pre  Cost        Nexthop         Interface

172.16.2.0/24       RIP      100  1           172.16.1.1      Ethernet0/0
```




```
interface Ethernet0/0
 ip address 172.16.1.1 255.255.255.0
 rip authentication-mode simple huawei
 rip version 2 multicast
```

```
interface Ethernet0/0
 ip address 172.16.1.2 255.255.255.0
 rip authentication-mode simple huawei
 rip version 2 multicast
```

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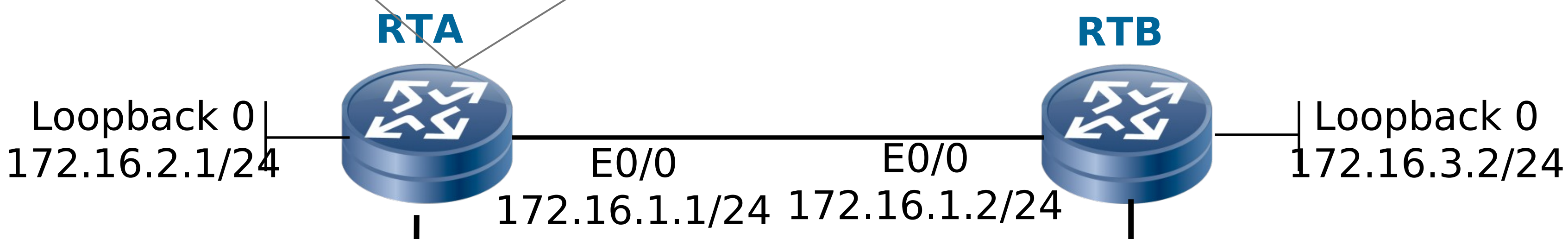
```
RIP: Receive Response from 172.16.1.2 via Ethernet0/0(224.0.0.9)
   Packet:vers 2, cmd Response, length 44
   Authentication: huawei
   dest 172.16.3.0  mask 255.255.255.0, router 0.0.0.0, metric 16, tag 0
```




```
interface Ethernet0/0
 ip address 172.16.1.1 255.255.255.0
 rip version 2 multicast
rip metricin15
```

```
interface Ethernet0/0
 ip address 172.16.1.2 255.255.255.0
 rip version 2 multicast
```

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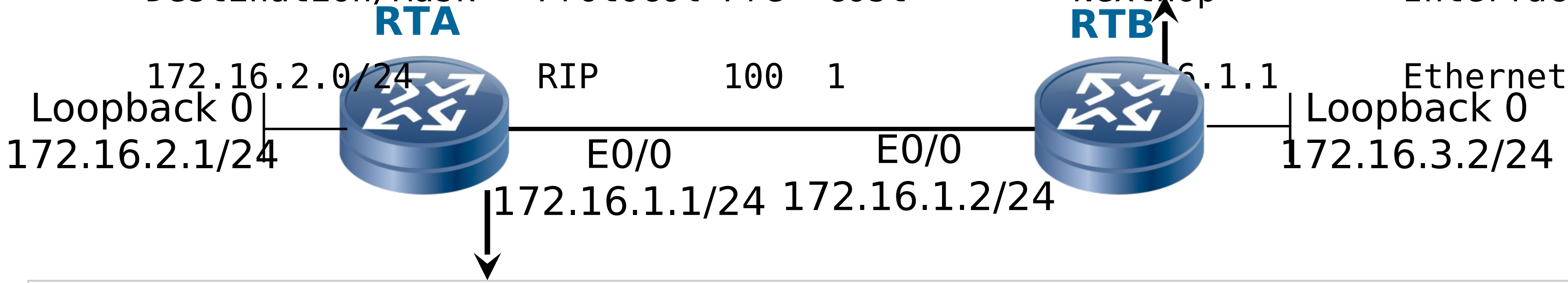
```
<RTB>dis ip routing-table

 Routing Table: public net

Destination/Mask    Protocol Pre  Cost          Nexthop          Interface

172.16.2.0/24       RIP      100  1             6.1.1            Ethernet0/0
```




```
<RTA>dis ip routing-table
 Routing Table: public net
Destination/Mask    Protocol Pre  Cost          Nexthop          Interface
127.0.0.0/8         DIRECT   0    0             127.0.0.1        InLoopBack0
127.0.0.1/32        DIRECT   0    0             127.0.0.1        InLoopBack0
172.16.1.0/24       DIRECT   0    0             172.16.1.1       Ethernet0/0
172.16.1.1/32       DIRECT   0    0             127.0.0.1        InLoopBack0
172.16.2.0/24       DIRECT   0    0             172.16.2.1       LoopBack0
172.16.2.1/32       DIRECT   0    0             127.0.0.1        InLoopBack0
```

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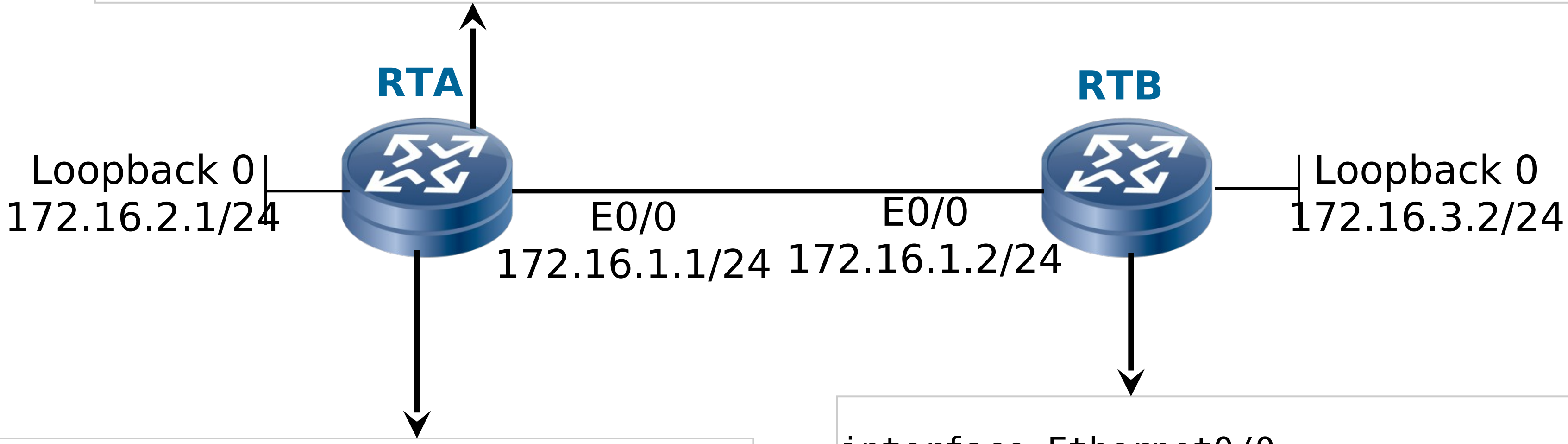
```
<RTA>dis ip routing-table
 Routing Table: public net
Destination/Mask    Protocol Pre  Cost         Nexthop        Interface
172.16.3.0/24       RIP      100  15           172.16.1.2     Ethernet0/0
```




```
interface Ethernet0/0
 ip address 172.16.1.1 255.255.255.0
 rip version 2 multicast
```

```
interface Ethernet0/0
 ip address 172.16.1.2 255.255.255.0
 rip version 2 multicast
 rip metricout 15
```

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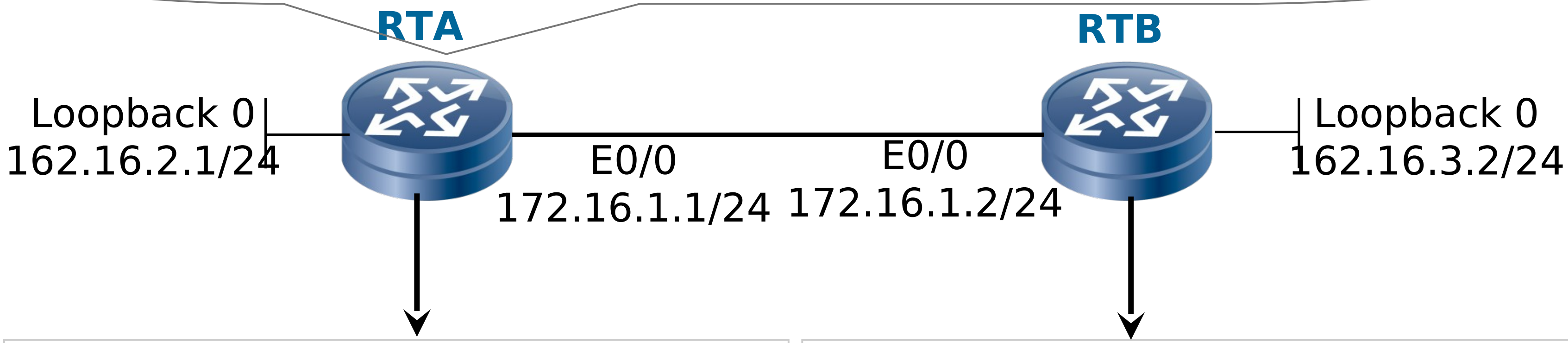
```
RIP: Receive Response from 172.16.1.2 via Ethernet0/0(255.255.255.255)
   Packet:vers 1, cmd Response, length 24
   dest 162.16.0.0 , metric 1, tag 0
```




```
interface Ethernet0/0
 ip address 172.16.1.1 255.255.255.0
#
interface LoopBack0
 ip address 162.16.2.1 255.255.255.0
#
rip
 network 172.16.0.0
 network 162.16.0.0
```

```
interface Ethernet0/0
 ip address 172.16.1.2 255.255.255.0
#
interface LoopBack0
 ip address 162.16.3.2 255.255.255.0
#
rip
 network 162.16.0.0
 network 172.16.0.0
```

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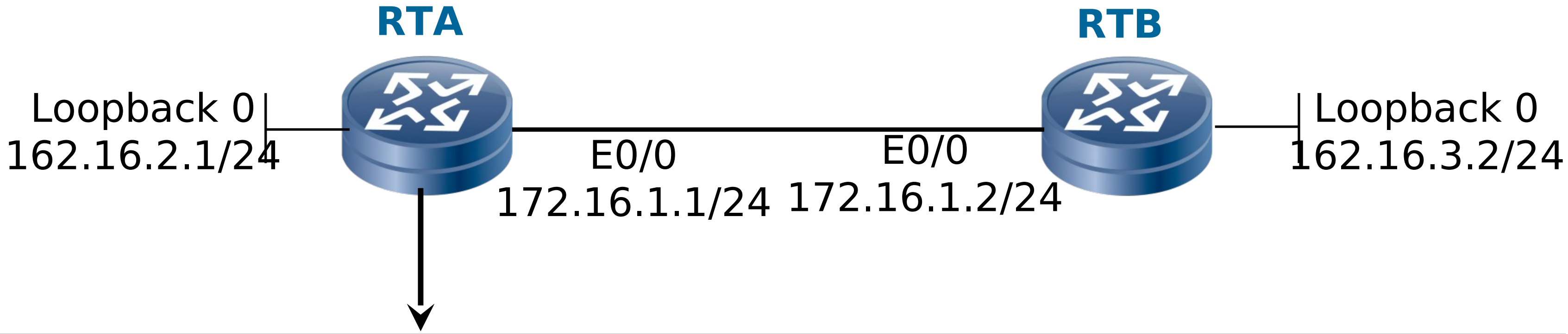


```
<RTA>dis ip routing-table
 Routing Table: public net
Destination/Mask   Protocol Pre  Cost        Nexthop         Interface
127.0.0.0/8        DIRECT   0    0           127.0.0.1       InLoopBack0
127.0.0.1/32       DIRECT   0    0           127.0.0.1       InLoopBack0
162.16.0.0/16      RIP     100   1           172.16.1.2      Ethernet0/0
162.16.2.0/24      DIRECT   0    0           162.16.2.1      LoopBack0
162.16.2.1/32      DIRECT   0    0           127.0.0.1       InLoopBack0
172.16.1.0/24      DIRECT   0    0           172.16.1.1      Ethernet0/0
172.16.1.1/32      DIRECT   0    0           127.0.0.1       InLoopBack0
```

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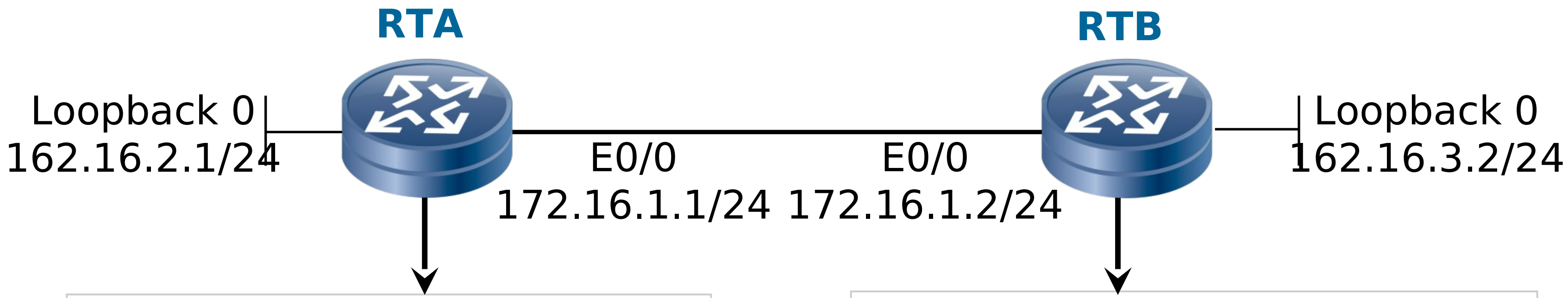


```
interface Ethernet0/0
 ip address 172.16.1.1
255.255.255.0
 rip version 2 multicast
#
interface LoopBack0
 ip address 162.16.2.1
255.255.255.0
#
rip
 undo summary
 network 172.16.0.0
 network 162.16.0.0
```

```
interface Ethernet0/0
 ip address 172.16.1.2
255.255.255.0
 rip version 2 multicast
#
interface LoopBack0
 ip address 162.16.3.2
255.255.255.0
#
rip
 undo summary
 network 162.16.0.0
 network 172.16.0.0
```

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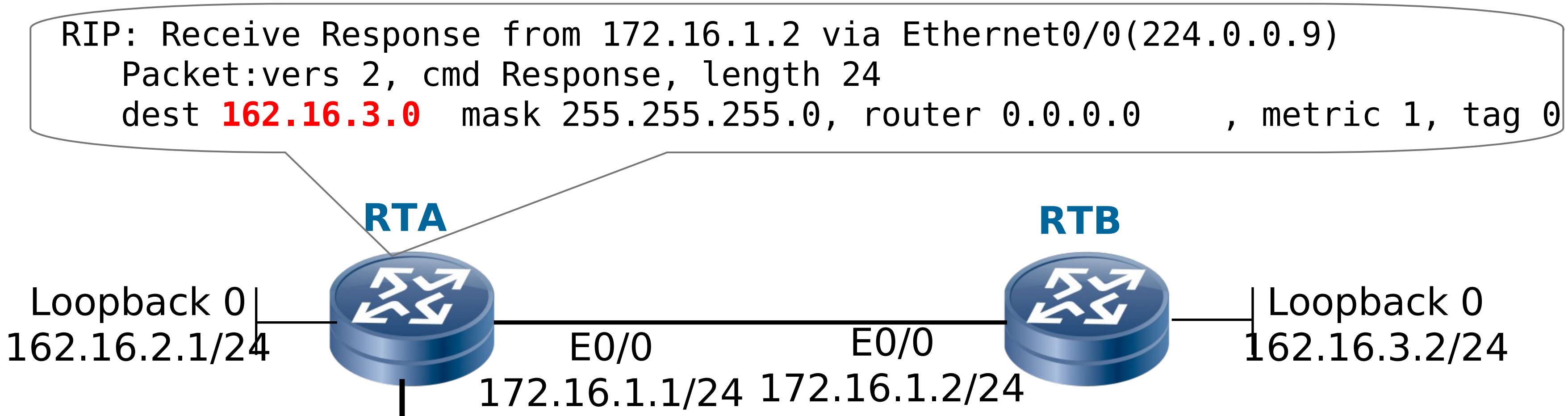


```
<RTA>dis ip routing-table
 Routing Table: public net
Destination/Mask   Protocol Pre  Cost         Nexthop         Interface
127.0.0.0/8        DIRECT   0    0            127.0.0.1       InLoopBack0
127.0.0.1/32       DIRECT   0    0            127.0.0.1       InLoopBack0
162.16.2.0/24      DIRECT   0    0            162.16.2.1      LoopBack0
162.16.2.1/32      DIRECT   0    0            127.0.0.1       InLoopBack0
162.16.3.0/24      RIP      100  1            172.16.1.2      Ethernet0/0
```

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- **1 [illegible] E-learning [illegible]**
  - [illegible] **E-Learning** [illegible]
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- **2 [illegible]**
  - [illegible] + [illegible]
  - [illegible]“[illegible] / [illegible]”[illegible]
- **3 [illegible] (LVC) [illegible]**
  - [illegible] UC&C [illegible]
  - [illegible] *http://support.huawei.com/ecommunity/bbs/10154479.html*
- **4 [illegible] eNSP**
  - eNSP (Enterprise Network Simulation Platform), [illegible]
- [illegible], [illegible] [illegible] http://support.huawei.com/ecommunity/bbs/list_2247.html [illegible]

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